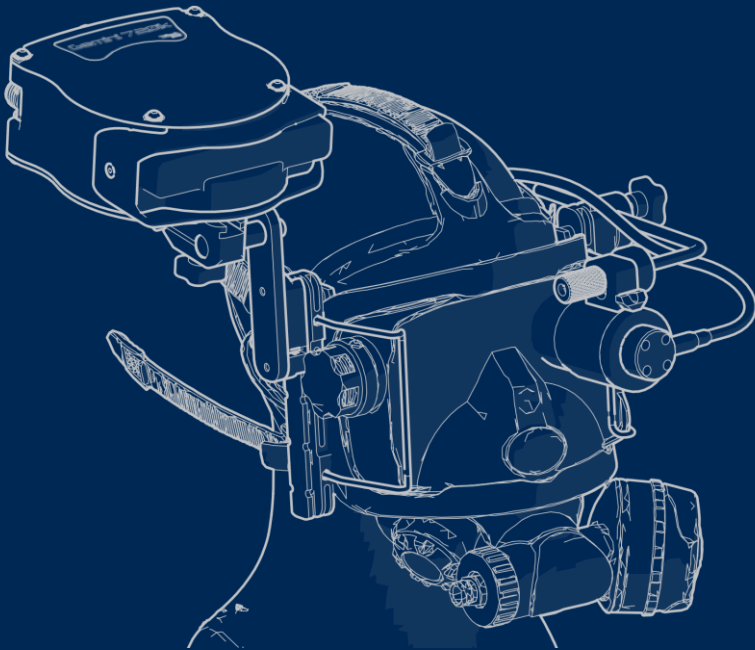
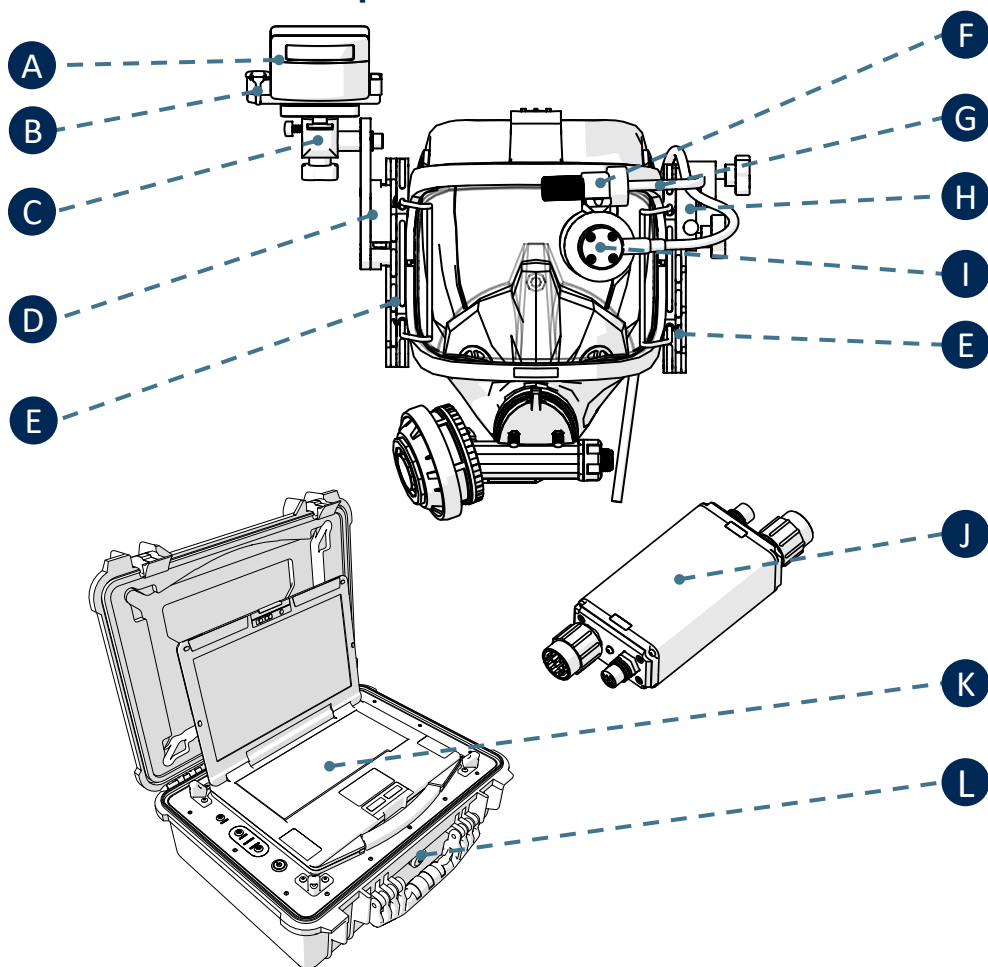


Diver Mounted Display (Tethered)

Quick Start Guide

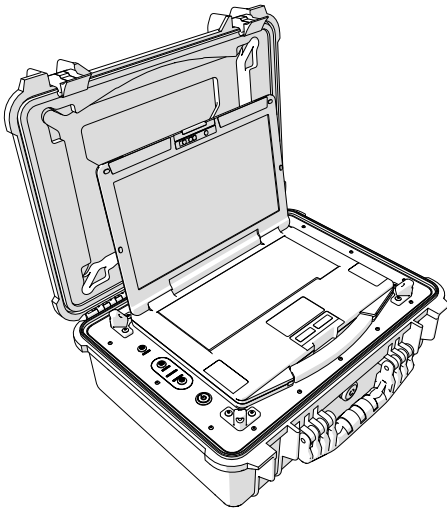


DMD Tethered Components

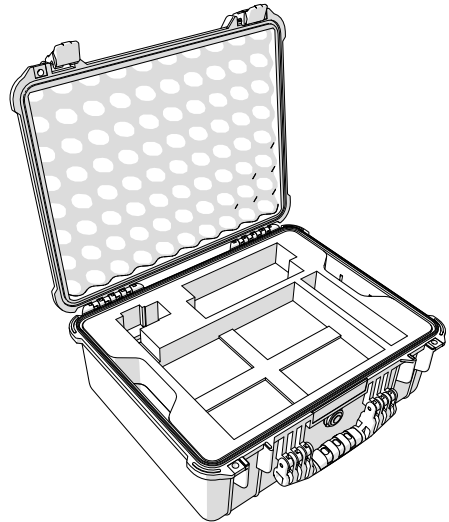


- | | |
|--|---------------------------------------|
| A. Gemini Sonar | G. Monocle ¼" Mounting Rod |
| B. Sonar Mount Bracket
(MicronGemini only) | H. Clamping Slide with ¼" Hole |
| C. Clamping Slide with ½" Hole | I. DMD Monocle |
| D. Spigot Assembly, 90° | J. DMD Subsea Computer |
| E. Mask Accessory Rail | K. DMD Laptop |
| F. Monocle Locking Assembly | L. DMD Surface Control Unit |

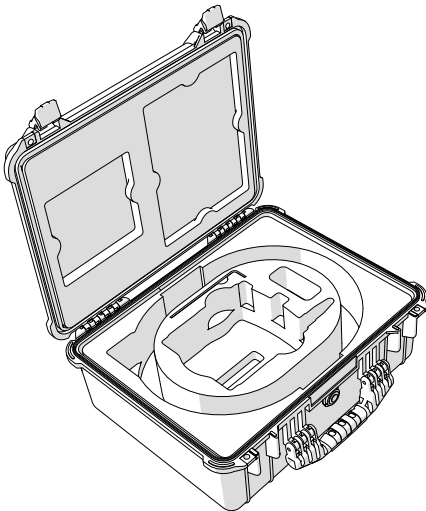
System Composition



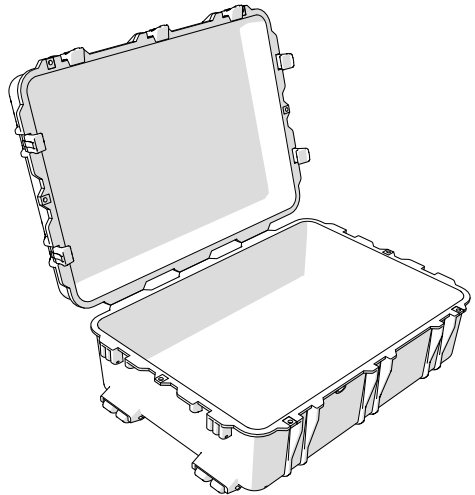
DMD SCU



Instrument Deployment Case

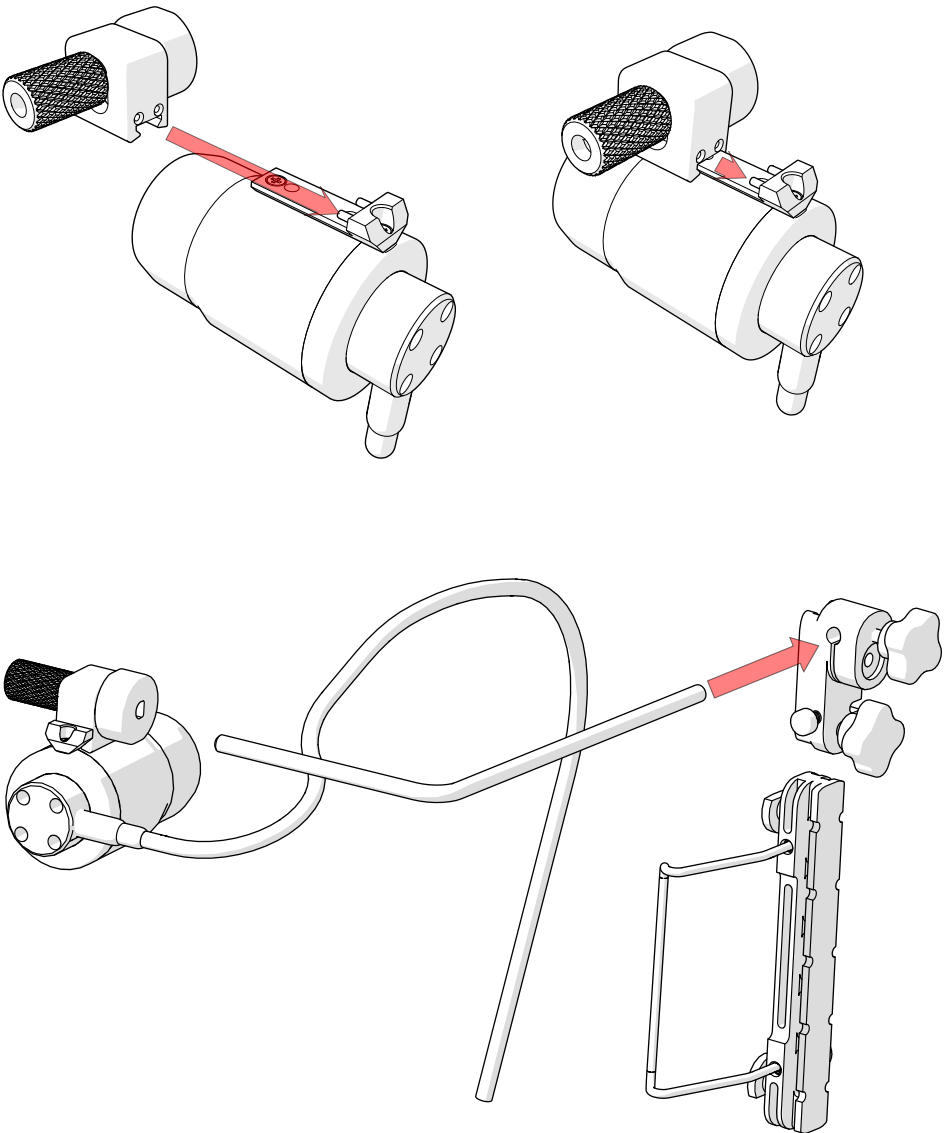


Sonar Deployment Case



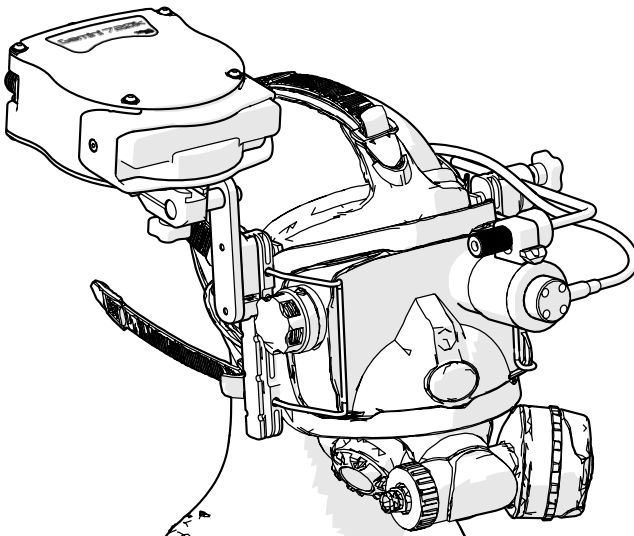
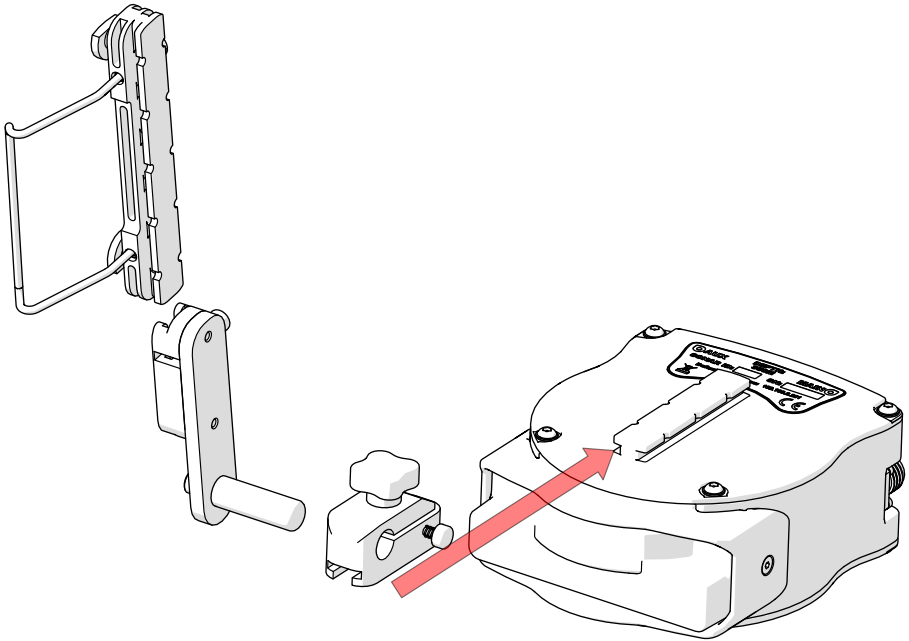
Umbilical Deployment Case

Assembly of Accessories onto Mask – Monocle

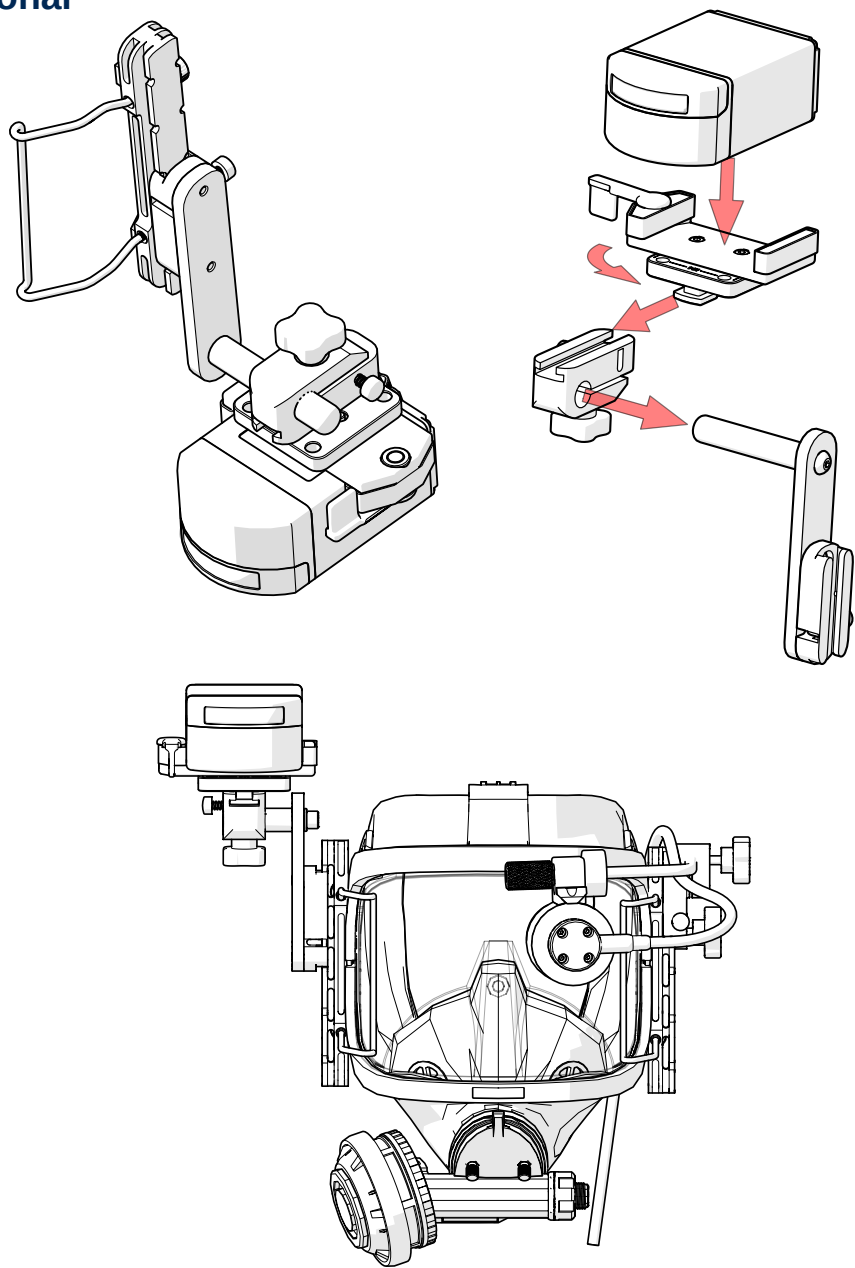


Monocle and sonar fitting accessories may differ.

Assembly of Accessories onto Mask – Gemini ik Sonar

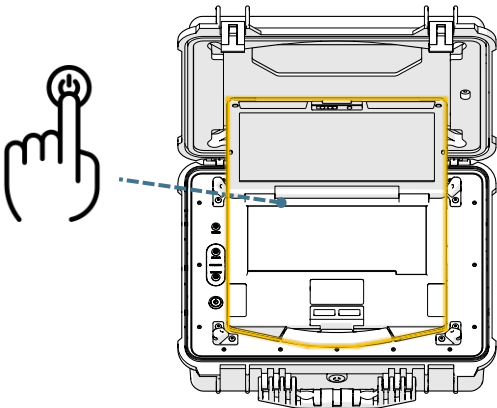


Assembly of Accessories onto Mask – MicronGemini Sonar



Switch ON & Start-Up Sequence

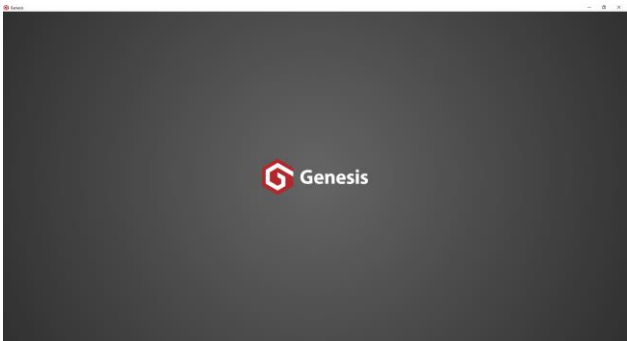
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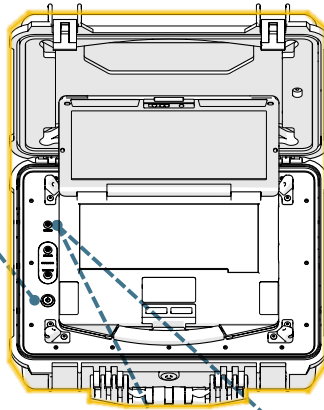
2



3



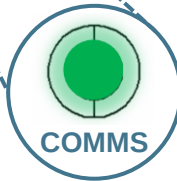
4



5



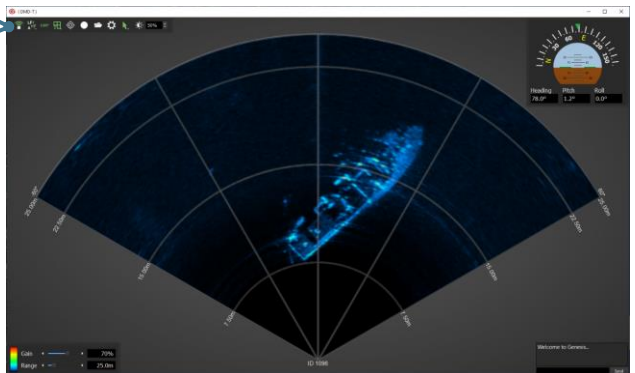
60 Seconds



6



Sonar
Online/Offline

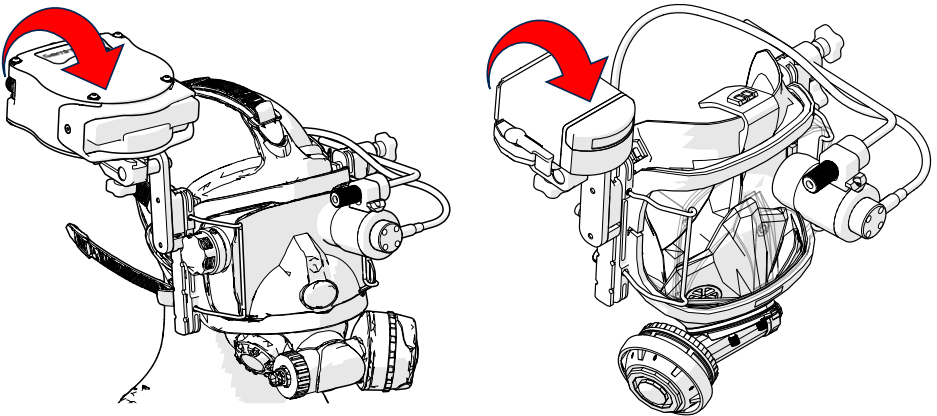


DMD Diving Tips

With the DMD system attached to the diver, it's very important that all loose cables are appropriately managed with the provided cable ties. This will reduce the chance of a snag while still allowing the diver space to move freely.

If you have no comms with the diver, that's not a problem! You can use the built-in messaging system to communicate with the diver. Remember to make simple and easy questions with a YES or NO answer. Once the question has been submitted the diver can "respond" by moving their head twice up and down to indicate a YES answer. To indicate a NO answer, the diver can move their head twice from left to right. This will be visible in the sonar display and also via the compass display.

To obtain good images the diver will need to move their head very slowly and steadily. It's a good idea to start by scanning a large area slowly and then move to potential targets. Always moving slowly and maintaining an appropriate sonar angle to achieve the best image possible.



Sonar Orientation Adjustment

Comprehensive Manual



DMD Video Guides

Software Update



Cleaning & Storage



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Pre-Dive Checklist

- ☐ Are all mask accessories secured and appropriately fitted?
- ☐ Have all mating surfaces been lubricated with a silicone-based compound?
- ☐ Are all four connections to the Subsea Computer securely mated?
- ☐ Have all loose cables been managed to avoid snag points?
- ☐ Is the tether strain relief firmly attached to the diver?
- ☐ Is the tether being managed by a third person?
- ☐ Can the diver see the sonar display clearly?
- ☐ Is the DMD SCU battery charged or connected to an AC power supply?
- ☐ Is the DMD laptop charged or connected to an AC power supply?
- ☐ Are the software controls on the DMD laptop operational?